



Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
October 16, 2008

Closing Date:
November 6, 2008

IDEM ID Number:
2008-397-49-EMP-A

Corps of Engineers ID Number:
LRL-2008-639-djd

PUBLIC NOTICE

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

- | | | | |
|----------------------|--|------------------|--|
| 1. Applicant: | Ms. Barbara Lawrence
Town of Speedway
1450 N. Lynhurst Drive
Indianapolis, IN 46224 | 2. Agent: | Mr. Jeff Spicer
American Structurepoint
7260 Shadeland Station
Indianapolis, IN 46256 |
|----------------------|--|------------------|--|
- 3. Project location:** SW 1/4 Section 32, Township 16 North, Range 3 East, Indianapolis West USGS Quad Map
Project is located S of 16th Street, E of Georgetown Road, and W of Olin Ave, in Speedway, Marion County
- 4. Affected waterbody:** Dry Run (stream)
- 5. Project Description:** The applicant proposes to relocate 16th Street to address security concerns and create a unified campus for the Indianapolis Motor Speedway. 16th Street will be realigned from Georgetown Road to the south along the abandoned railway corridor to a point near Little Eagle Creek, then northeasterly to tie back into existing 16th Street west of the CSX rail overpass structure. The relocation of 16th Street proposes the relocation of 2,010' of Dry Run. The applicant proposes to construct 1,700' of new Dry Run channel in a two-stage channel design. Three new culvert bottomless arch culverts will be installed over the new Dry Run channel (Polco Street, 137' structure; Brickyard Plaza Drive, 68' structure; and new 16th Street, 188' structure). Due to culvert installations 456' of new channel will not be counted as mitigation; the applicant proposes that approximately 1,244' of the new Dry Run Channel will be counted as mitigation for impacts to Dry Run. The new channel will be constructed onsite and in the dry, and will be stabilized, planted, and growing before flow is diverted into the new channel. To supplement mitigation, the applicant also proposes to rehabilitate and enhance 1,000' of the west bank of Little Eagle Creek onsite by installing vegetated soil lifts and installing trees and shrubs along the riparian corridor. Total mitigation for the 1,700' of impact will be 2,244' of mitigation.

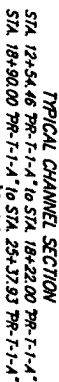
Comment period: Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

Public Hearing: Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions? Additional information may be obtained from Ms. Liz Pelloso, Project Manager, at 317-233-2482. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

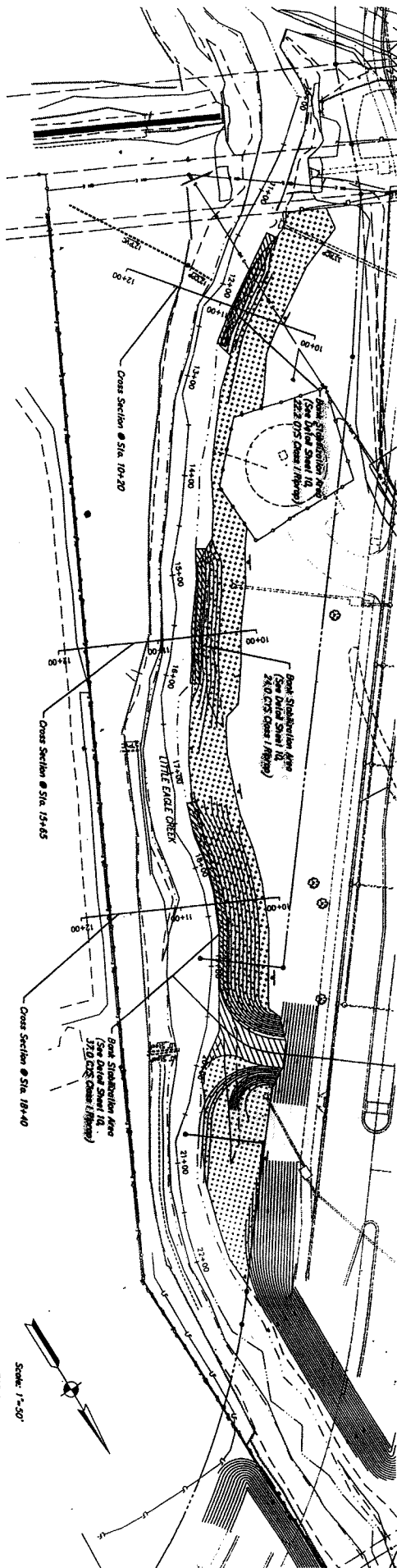
Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406

Rec'd 10-14-08

[illegible][illegible]

1. PLANTING SHALL BE PERFORMED BEFORE THE MITIGATION SITE BECOMES FLOODED OR PONDED WITH WATER.
2. PLANT PLUG SPECIES SHALL BE OF EVEN DISTRIBUTION AS NOTED IN THE TABLE ABOVE.
3. PLANT PLUG SPECIES SHALL BE RANDOMLY DISTRIBUTED THROUGHOUT THE DESIGNATED PLANTING AREA.
4. IF A SPECIES IS NOT AVAILABLE AT THE TIME OF PLANTING, THE PLANTING RATE OF THE REMAINING SPECIES MAY BE INCREASED HOWEVER, NO ONE SPECIES SHALL COMPRISE MORE THAN 50% OF THE TOTAL. IF LESS THAN 8 SPECIES ARE AVAILABLE AT THE TIME OF PLANTING, CONTACT THE ENGINEER TO DETERMINE ACCEPTABLE SUBSTITUTE SPECIES.

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION NO.
NONE	
SURVEY BOOK	SHEETS
	6 of 11
CONTRACT	PROJECT NO.



Note: Proposed Bank Stabilization Area
(See Sheet 10 - See Lifts with Brown Lining Data)

Habitat Planting Area
- Trees and Shrubs Selected from Sheet 9
and Herbaceous Riparian Seed Mix = 1.08 Acres
DO NOT MOW OR SPRAY Spn

LEGEND

Scale: 1" = 50'

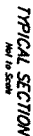
DO NOT MOW OR SPRAY Spn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: JMS	DRAWN: MJC		
CHECKED: JMS	CORRECTED: JMS		

SPEEDWAY	
REDEVELOPMENT COMMISSION	
RIPARIAN HABITAT RESTORATION	
LITTLE EAGLE CREEK	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION NO.
SHEET BOOK	SHEET 11
CONTRACT	PROJECT NO.

Little Eagle Creek

**Mo/ 10 Scots**

- IF A SPECIES IS NOT AVAILABLE AT THE TIME OF PLANTING, THE PLANTING RATE OF THE REMAINING SPECIES MAY BE INCREASED HOWEVER, NO ONE SPECIES SHALL COMPRISE MORE THAN 50% OF THE TOTAL. IF LESS THAN 4 SPECIES ARE AVAILABLE AT THE TIME OF PLANTING, CONTACT THE ENGINEER TO DETERMINE ACCEPTABLE SUBSTITUTE SPECIES.

TREES		
COMMON NAME	SPECIES NAME	No. of Trees
silver maple	<i>Acer saccharinum</i>	23
common ash pine	<i>Asheville ash</i>	23
black walnut	<i>Juglans nigra</i>	23
ashbark hickory	<i>Carya ashbark</i>	23
hickory	<i>Carya occidentalis</i>	23
red	<i>Carya canadensis</i>	23
ternately compound	<i>Opuntia elaeagnifolia</i>	23
black gum	<i>Nyssa sylvatica</i>	23
American sycamore	<i>Alnus incana</i>	23
young with oak	<i>Alnus incana</i>	23
white oak	<i>Alnus incana</i>	23
white oak	<i>Alnus incana</i>	23
white oak	<i>Alnus incana</i>	23

COMMON NAME	SPECIES NAME	No. of Shrubs
gray dogwood	<i>Cornus racemosa</i>	35
hostraw	<i>Cypripedium</i>	35
spiderbush	<i>Lonicera linearis</i>	35
elderberry	<i>Sambucus racemosa</i>	35
red haw	<i>Rhamnus purshiana</i>	35

HERBACEOUS RIPARIAN SEED MIX			
COMMON NAME	SPECIES NAME	SEEDS/LB.	OZ./LB.
pondweed	<i>Aster perfoliatus</i>	141,750	0.25
water-henry's salt	<i>Aster multiflorus</i>	200,000	0.25
water-lice seed	<i>Carex rostrata</i>	73,000	
seed-pod	<i>Carex acuticulata</i>	308,750	0.25
american broadleaf	<i>Obolobasis americana</i>	3,300	
american wild-rye	<i>Elymus canadensis</i>	4,200	
crabgrass seed	<i>Eragrostis canadensis</i>	5,531	10
arrowweed seed type	<i>Eleocharis acicularis</i>	125,000	0.5
white rootweed	<i>Eleocharis palustris</i>	150,000	0.5
blue waterwort	<i>Hydrocotyle repens</i>	6,500	3
great blue lobelia	<i>Lobelia spicata</i>	320,000	0.25
lythrum blue spike	<i>Lythrum spicata</i>	8,800	
green-headed buttonweed	<i>Lythrum novaeboracensis</i>	15,000	1
water-lentil common flower	<i>Menyanthes triflorata</i>	33,000	0.5
cup-rye	<i>Sagittaria perfoliata</i>	2,100	3
globe cordgrass	<i>Sagittaria perfoliata</i>	15,750	
american grassmadder	<i>Sagittaria arifolia</i>	18,500	2
blue warden	<i>Sagittaria arifolia</i>	135,000	2
flaggen	<i>Sagittaria arifolia</i>	8,000	2

TEMPORARY SEED MIX			
CODING NAME	SPECIES NAME	SEEDS/0L.	OZ./ACRE
Common oat	<i>Avena sativa</i>	--	360
Annual ryegrass	<i>Lolium multiflorum</i>	--	120

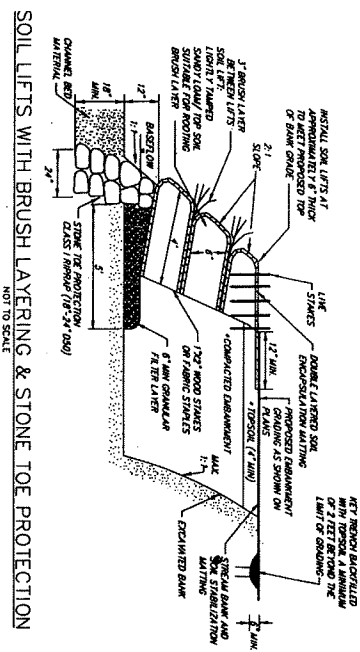
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: JMS	DRAWN: MJC			
CHECKED: JMS	CHECKED: JMS			

**SPEEDWAY
REDEVELOPMENT COMMISSION
RIPARIAN HABITAT RESTORATION
PLANTING DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	ORIGINATOR NO.
NONE	
SURVEY BOOK	SHEETS
	9 of 11
CONTRACT	PROJECT NO.

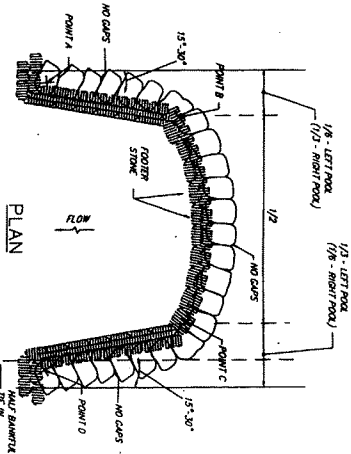
COMMON NAME	SPECIES NAME
blackhaw	<i>Abutilon parvifolium</i>
dogwood	<i>Abutilon laetigum</i>
sanborn willow	<i>Salix alba</i>
pusy willow	<i>Salix discolor</i>
red-osier dogwood	<i>Cornus sericea</i>
gray dogwood	<i>Cornus racemosa</i>
roughleaf dogwood	<i>Cornus alternifolia</i>
silky dogwood	<i>Cornus amomum</i>

- NOTES:
- LIVE STAKES SHALL HAVE A MINIMUM DIAMETER OF ONE INCH AND MINIMUM LENGTH OF TWO FEET.
 - BRUSH STAKES SHALL BE USED FOR BANK STABILIZATION.

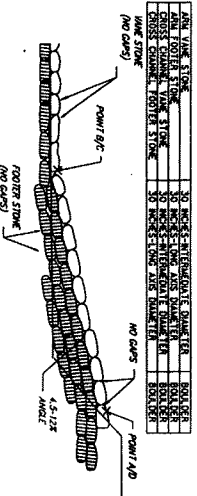


SOIL LIFTS WITH BRUSH LAYERING & STONE TOE PROTECTION

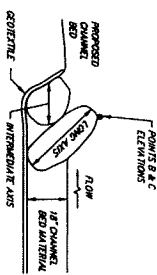
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PLAN



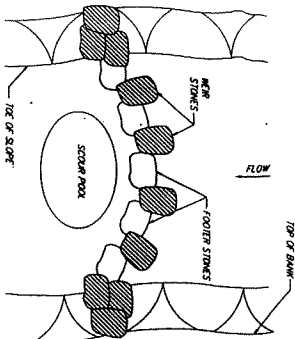
CROSS SECTION



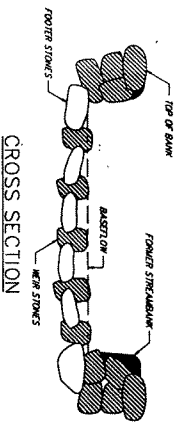
PROFILE

ROCK CROSS VANE

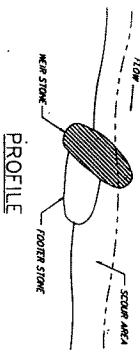
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PLAN



CROSS SECTION



PROFILE

ROCK VORTEX WEIR

NOT TO SCALE

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: JES	DRAWN: JES	CHECKED: JES		
SPEEDWAY REDEVELOPMENT COMMISSION				
MITIGATION DETAILS				
HORIZONTAL SCALE		BRIDGE FILE		
VERTICAL SCALE		DESIGNATION NO.		
SHEET NO.		SHEET NO.		
CONTRACT		PROJECT NO.		

